

wherein said second voltage is a voltage [for forming] which forms, on said address electrode by sustain discharge performed between the sustain discharge electrodes, wall charges capable of self-erase discharge [performed] between said address electrode and at least one of said sustain discharge electrodes by said third voltage.

19/17. (AS ONCE AMENDED HEREIN) A plasma display device applying a first voltage between sustain discharge electrodes so as to perform discharge in a display cell, comprising:

a control circuit [for], after a sustain discharge is performed between said sustain discharge electrodes, applying a second voltage, of a level [that is a voltage] twice a level of a power supply voltage, which generates [for generating] a pulse [for] producing a sustain discharge, to at least one of said sustain discharge electrodes, and during or after applying said second voltage, applying a third voltage to an address electrode for selecting said display cell.

~~21~~ 18. (AS NEW HEREIN) A method of driving a plasma display device in which a first voltage is applied between sustain discharge electrodes so as to perform a discharge in a selected display cell, comprising:

removing wall charges, formed on an address electrode to select said display cell, by a sustain discharge performed between said sustain discharge electrodes.

~~21~~ 19. (AS NEW HEREIN) The method according to claim 18, wherein said removing comprises applying a second voltage to at least one of said sustain discharge electrodes to form the wall charges and applying a third voltage to said address electrode to produce a self-erase discharge, and

said second voltage forms, on said address electrode by sustain discharge performed between said sustain discharge electrodes, wall charges which undergo self-erase discharge, between said address electrode and at least one of said sustain discharge electrodes, in said self-erase discharge.

~~22~~ 20. (AS NEW HEREIN) The method according to claim 18, wherein said removing comprises applying the second voltage to one of said sustain discharge electrodes and setting the other of said sustain electrodes at ground level.

~~5~~ 21. (AS NEW HEREIN) The method according to claim 2, wherein said second voltage is applied to one of said sustain discharge electrodes, and subsequently to the other electrode.

~~7~~ 22. (AS NEW HEREIN) The method according to claim 1, wherein said removing is performed between subfields, each subfield comprising reset, address, and sustain discharge intervals.

~~23~~ 23. (AS NEW HEREIN) A method of driving a plasma display device wherein a first voltage is applied between sustain discharge electrodes so as to perform a sustain discharge in a display cell, comprising:

after a sustain discharge between said sustain discharge electrodes, applying a second voltage, of a voltage level twice that of a power supply voltage level, to generate a pulse for sustain discharge applied to at least one of said sustain discharge electrodes; and